

Abstract and Index and Web Discovery Services IEEE Partners

Introduction

This document is intended to provide a general overview of the abstract and indexing services and web discovery services that take in IEEE content. While this report is intended to provide readers with information on IEEE content indexed and in what service, there are several things to keep in mind:

- Services identified in this report do not cover everything in the IEEE Xplore Digital Library either because IEEE does not provide all content to these services, or because only certain content was selected by a partner.
- Some services add and delete titles regularly, or include only select articles, to maintain a database that is relevant to their audience. While IEEE may provide a data feed for a particular subscription package (noted in the tables below), partners are not required to index all content.
- Most partners update their products at varying intervals and many Abstract and Indexing (A&I) services do not include corrected or updated article information.

The services listed below and our agreements with these partners can and do change. Readers of this report are encouraged to contact Sherri Young, IEEE Product Manager at s.m.young@ieee.org with specific questions.

Abstract & Indexing Services

Abstract and indexing services maintain databases, often subject-specific, which users can search to find relevant content. The data included in these services may be peer-reviewed journals, books, reports, and other types of content. Unlike web scale discovery services, these services collect metadata (including abstracts) from publishers and other organizations into large repositories or indexes. Search results often include abstracts or a brief summary of a research article that helps the user assess the relevance of the result. Most of these products give users the opportunity to view or purchase the full-text article at the publisher's website. Abstract and indexing services can include a wide breadth of information or can specialize in specific subject areas such as biosciences or humanities.

IEEE Abstract & Indexing Service Partners

Organization	Product Description	IEEE Content Indexed
Allen Institute for Artificial Intelligence (AI2)	Semantic Scholar uses AI2's expertise in artificial intelligence to help researchers find the most relevant information efficiently.	<ul style="list-style-type: none"> • Most publications
American Chemical Society (ACS)	CAS , a division of the American Chemical Society, offers several databases of chemical information including CAPLUS.	<ul style="list-style-type: none"> • Select publications
American Geosciences Institute (AGI)	GeoRef is a database of global geosciences literature.	<ul style="list-style-type: none"> • Select publications
American Mathematical Society (AMS)	Mathematical Reviews MathSciNet provides information on peer-reviewed articles and books in the mathematical sciences.	<ul style="list-style-type: none"> • Select publications
American Psychological Association (APA)	<p>PsycINFO is an abstract database that includes records centered on psychology and the behavioral and social sciences.</p> <p>PsycTESTS is dedicated to psychological tests, scales, inventories, surveys, and other measures.</p>	<ul style="list-style-type: none"> • Select publications
Association for Computing Machinery (ACM)	ACM Digital Library , includes full text of ACM publications and affiliated publications.	<ul style="list-style-type: none"> • Select publications
Clarivate	Clarivate Analytics offers specialized and topical databases, including Web of Science , and Journal Citation Reports (JCR) .	<ul style="list-style-type: none"> • Most publications
DBLP Computer Science Bibliography	DBLP provides bibliographic information on major computer science publications.	<ul style="list-style-type: none"> • Select IEEE Computer and Communications Society publications
Digital Science	Digital Science is a technology company focusing on science and research. Services include ReadCube and Dimensions .	<ul style="list-style-type: none"> • Most publications

Directory of Open Access Journals (DOAJ)	DOAJ is a community-curated list of peer-reviewed open access journals.	<ul style="list-style-type: none"> • Most Open Access publications
Elsevier Engineering Information	Elsevier provides several technical and scientific research databases including Compendex , ScienceDirect , and Scopus .	<ul style="list-style-type: none"> • Most publications
The Institution of Engineering and Technology (IET)	The IET INSPEC database indexes literature in the fields of science and technology. INSPEC is also offered as part of Elsevier's Engineering Village Web service.	<ul style="list-style-type: none"> • Most publications
JournalTOCs	JournalTOCs is a free journal table-of-contents alerting service for newly published scholarly material. It is a project of Heriot-Watt University in Edinburgh.	<ul style="list-style-type: none"> • Most of IEEE's publications that offer an RSS feed
Modern Language Association (MLA)	MLA International Bibliography provides a subject index for books and articles published on modern languages and linguistics.	<ul style="list-style-type: none"> • Select publications
National Library of Medicine (NLM)	PubMed and PubMed Central are freely accessible online databases of biomedical publications created by the U.S. National Library of Medicine	<ul style="list-style-type: none"> • Select publications
Optical Society of America (OSA)	OSA Publishing is OSA's online library for OSA journals and for partnered and co-published journals. IEEE co-publishes three journals with OSA.	<ul style="list-style-type: none"> • Select publications
The Pennsylvania State University	CiteSeerX is an evolving scientific literature digital library and search engine that focuses primarily on the literature in computer and information science.	<ul style="list-style-type: none"> • Most publications
Piri Discovery Service	Piri is a specialized discovery tool for academic institutions.	<ul style="list-style-type: none"> • Most publications

<p>TRID-Transport Research International Documentation</p>	<p>TRID is the world's largest and most comprehensive bibliographic resource on transportation research information. It is produced and maintained by the Transportation Research Board of the US National Academies.</p>	<ul style="list-style-type: none">• Select publications
<p>United States Department of Education (Resource Information Center)</p>	<p>ERIC provides access to 1.5+ million bibliographic records of journal articles and other education-related materials.</p>	<ul style="list-style-type: none">• Select publications

Web Scale Discovery Services

Web scale discovery services develop commercial applications, usually geared toward institutional libraries. They allow library users to find locally and externally licensed content. Searchable content may include physical holdings (such as books and DVDs), local electronic content (such as digital image collections and institutional repository materials), and remotely hosted content purchased or licensed by the library (such as e-books and publisher databases). Through the use of link resolvers, users are able to access content on third-party sites.

IEEE Web Scale Discovery Services Partners

Organization	Product Description	IEEE Content Indexed
EBSCO	EBSCO Discovery Service (EDS) is a discovery service that offers full-text search and indexing of library resources.	<ul style="list-style-type: none">• See IEEE ODI Conformance
OCLC WorldCat	WorldCat itemizes the collections of OCLC member libraries and incorporates the data, along with other scholarly content, into its database.	<ul style="list-style-type: none">• See IEEE ODI Conformance
ProQuest	Summon allows researchers to quickly search, discover and access content. Primo Discovery and Delivery Service is an internet based discovery service that serves the library and institutional market.	<ul style="list-style-type: none">• See IEEE ODI Conformance

Updated 1.2023 (Sherri Young, IEEE Product Manager, IEEE Global Products and Marketing, s.m.young@ieee.org)